

## CLAIMS

Claims 1 - 27 (Cancelled)

28. (NEW) A method for preparing a disinfecting solution for application to human skin which comprises the steps in operable order:

(A.) forming a solution A according to steps:

- (a) mixing a gram molar quantity of sulfuric acid in water;
- (b) stirring into said gram molar quantity of sulfuric acid in water an equivalent of said gram molar quantity of calcium in one of calcium, calcium hydride, calcium oxide and calcium hydroxide;
- (c) passing the resultant solution of step (b) through a filter to remove precipitates of salt formed by said calcium and said sulfuric acid;
- (d) allowing the resultant solution to digest for at least 10 hours;
- (e) passing the solution through a two micron filter whereby a solution is generated consisting essentially of less than 2500 parts per million of calcium sulfate;
- (f) making an activated solution by adding a quantity of water to said solution, said quantity of water selected to raise a pH of said solution to a value between 1.5 and 2.5 and providing a volume of said solution;
- (h) making an emulsifying solution being a mixture of isopropanol and ethanol, said mixture ranging from 90 % to 76% by weight ethanol to isopropanol;

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(i) making a filmforming solution by adding to said emulsifying solution at least one oil of glycerol and mineral oil in an amount of one oil to said emulsifying agent in a ratio ranging from 25 to 9 percent by weight;

(j) making a base solution by adding said activated solution to said film forming solution in a range from 3 to 1 to 4 to 1 by weight ;

(k) adding to said base solution an amount of at least one of oxalic acid, lactic acid and quaternary ammonium compound wherein said amount is selected from a range between .01 and 20 percent by volume of said at least one of oxalic acid, lactic acid, and quaternary ammonium compound to said base solution.

29. (NEW) The method of claim 28 further including the step in operable order:

(l) adding to said solution of step (k), an amount of at least one of a group of metal salts, said at least one of said metal salts selected from a group of metal salts that consist of iron chloride, iron nitrate, iron acetate, iron bromide, iron iodide, tin chloride, tin nitrate, tin acetate, tin bromide, tin iodide, copper sulfate, copper chloride, copper nitrate, copper acetate, copper bromide, copper iodide, said amount of a least one of a group being selected from a range of amounts from 140 : 1 to 60:1 solution to metal salts by weight.

30. (NEW) The method of claim 28 further including the step in operable order:

(l) adding to said solution of step (k), an amount of at least one of a group of metal salts,

in an amount from 140 : 1 to 60:1 solution to metal salts by weight ,wherein said metal is selected from a group of metals listed on the periodic chart as consisting of 1(A,B), II(A,B) III (A), IV (A, B), VI B, VII.

31.(NEW) The method of claim 28 further including the step in operable order, the step of adding at least one of vanilla extract in alcohol and eucalyptus oil to said solution of step (k).